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(54) Title: ANTI-MICROBIAL COATED POLYMERIC FILM

(57) Abstract: An anti-microbial polymeric film comprising a polymeric substrate layer having a first and second surface and on a surface thereof a coating having a thickness of from about 0.01 to about 14.0 gm and comprising an anti-microbial compound in an amount of from about 0.1 to about 50% by weight of the coating layer, characterised in that (i) said coating provides a heat-seal strength of from 100 g/in to 2500 g/in when heat-sealed to itself and/or (ii) said coating provides a barrier to water vapour and/or oxygen, such that the water vapour transmission rate is in the range of 0.01 to 10g/100 inches²/day and the oxygen transmission rate is in the range of 0.01 to 10 cm³/100 inches²/day/atm.

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